

changes, modifications, additions and applications than those specifically mentioned herein without departing from the spirit of this invention.

What is claimed is:

- Subst. Cl.* [1. A module for driving a gas discharge lamp having heater elements contained within an envelope in response to electrical power from a source comprising:
- means for receiving power from the source,
 - an oscillator coupled to said receiving means for transforming said received power to an output signal at a frequency and voltage for causing the lamp to produce visible light through gas discharge within the lamp envelope,
 - [an] a circuit board mounting said oscillator within a volume having a cross-section configured substantially the same as the cross-section of the lamp envelope, and
 - means attaching said board for forming an end of the lamp envelope with said oscillator output signal connected to the lamp heater elements.]
2. A module in accordance with claim 1 wherein said circuit board is attached externally to an end of the lamp envelope, said module including a sleeve retaining said board therewithin.
3. A module in accordance with claim 1 wherein the power source produces standard A.C. power, said module further including means mounted on said circuit board for converting said received power for actuating said oscillator.
4. A module in accordance with claim 1 wherein the power source produces D.C. power, said module further including means for actuating said oscillator from said received power from the D.C. source.

Sub a2

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5. A module for driving a gas discharge lamp having heater elements contained within an envelope in response to electrical power from a source comprising:

- means for receiving power from said source,
- 5 an oscillator coupled to said receiving means for transforming said power to an output signal at a frequency and voltage for causing said lamp to produce visible light through gas discharge within said lamp envelope
- 10 a circuit board mounting said oscillator within a volume having a cross-section which is substantially the same as a cross-section of said lamp envelope, and
- means for attaching said circuit board so that said oscillator output signal is connected to said lamp heater elements.
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said

6. A module for driving a gas discharge lamp having heater elements contained within an envelope in response to electrical power from a source comprising:

- means for receiving power from said source,
- 20 an oscillator coupled to said receiving means for transforming said received power to an output signal at a frequency and voltage for causing said lamp to produce visible light through gas discharge within said lamp envelope,
- 25 a circuit board having said oscillator mounted thereon, and
- means attaching said circuit board for forming an end of said lamp envelope with said oscillator output signal connected to said lamp heater elements.
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Claims 7-25 added (see Preliminary Amendment).

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B3

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